

BA

Synthesis of 1,1,1,3,3-pentafluoropropane

Synthesis of 1,1,1,3,3-pentafluoropropane

Patent Number: ☒ EP0703205, B1
Publication date: 1996-03-27
Inventor(s): WENDLINGER LAURENT (FR); LANTZ ANDRE (FR)
Applicant(s): ATOCHEM ELF SA (FR)
Requested Patent: AU3284395
Application Number: EP19950401917 19950821
Priority Number(s): FR19940011451 19940926
IPC Classification: C07C17/20; C07C19/08
EC Classification: C07C17/20D4
EC Classification: C07C17/20D4+19/08
Equivalents: CA2159063, CN1130614, DE69501534D, ☐ FR2724928,
☐ JP8104655
Cited Documents: EP0522639

Abstract

Prepn. of 1,1,1,3,3-pentafluoropropane by a liq. phase reaction of 1,1,1,3,3-pentachloropropane with anhydrous HF in the presence of a catalyst.

Data supplied from the esp@cenet database - I2

B.B

Process for the preparation of 1-chloro-1,1,3,3,3-pentafluoropropane and of 1,1,1,3,3,3-hexafluoropropane

Process for the preparation of 1-chloro-1,1,3,3,3-pentafluoropropane and of 1,1,1,3,3,3-hexafluoropropane

Patent Number: EP0522639
Publication date: 1993-01-13
Inventor(s): PENNETREAU PASCAL (BE)
Applicant(s): SOLVAY (BE)
Requested Patent: ☒ EP0522639, B1
Application Number: EP19920201999 19920702
Priority Number(s): BE19910000658 19910710
IPC Classification: C07C17/20; C07C19/08
EC Classification: C07C17/20D4, C07C17/278, C07C19/08
EC Classification: C07C17/20D4+19/08; C07C17/20D4+19/10; C07C17/278+19/01; C07C19/08
Equivalents: ☐ BE1005096, CA2073533, DE69202207D, DE69202207T, ES2074328T, JP3130657B2, JP5201892
Cited Documents: WO9008754; FR1319071; EP0187643

Abstract

The invention relates to a process for the preparation of 1-chloro-1,1,3,3,3-pentafluoropropane and 1,1,1,3,3,3-hexafluoropropane by reaction in the liquid phase of 1,1,1,3,3,3-hexachloropropane with hydrogen fluoride in the presence of a catalyst.

Data supplied from the **esp@cenet** database - I2

BC

Process for the preparation of 1,1,1,3,3-pentafluoropropane

Process for the preparation of 1,1,1,3,3-pentafluoropropane

Patent Number: EP0611744
Publication date: 1994-08-24
Inventor(s): BIELEFELDT DIETMAR DR (DE); LUI NORBERT DR (DE); MARHOLD ALBRECHT DR (DE)
Applicant(s): BAYER AG (DE)
Requested Patent: ☒ EP0611744, B1
Application Number: EP19940101811 19940207
Priority Number(s): DE19934305164 19930219
IPC Classification: C07C17/00; C07C19/08
EC Classification: C07C17/23
EC Classification: C07C17/23+19/08
Equivalents: ☐ BR9400604, ☐ DE4305164, ES2093458T, ☐ JP6256235,
MX9401224
Cited Documents: EP0442075

Abstract

1,1,1,3,3-Pentafluoropropane is prepared in a particularly advantageous manner by subjecting 1,1,1,3,3-pentafluoro-2-dichloropropane or 1,1,1,3,3-pentafluoro-2,2,3-trichloropropane or any mixtures of these to catalytic hydrogenation.

Data supplied from the esp@cenet database - I2

BD

Synthesis of 1,1,1,3,3-pentafluoropropane**Synthesis of 1,1,1,3,3-pentafluoropropane**

Patent Number: EP0703205
Publication date: 1996-03-27
Inventor(s): WENDLINGER LAURENT (FR); LANTZ ANDRE (FR)
Applicant(s): ATOCHEM ELF SA (FR)
Requested Patent: ☒ EP0703205, B1
Application Number: EP19950401917 19950821
Priority Number(s): FR19940011451 19940926
IPC Classification: C07C17/20; C07C19/08
EC Classification: C07C17/20D4
EC Classification: C07C17/20D4+19/08
Equivalents: AU3284395, CA2159063, CN1130614, DE69501534D, ☐ FR2724928,
☐ JP8104655
Cited Documents: EP0522639

Abstract

Prepn. of 1,1,1,3,3-pentafluoropropane by a liq. phase reaction of 1,1,1,3,3-pentachloropropane with anhydrous HF in the presence of a catalyst.

Data supplied from the esp@cenet database - I2